

IDS - 06/12/2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Not for submission under 37 CFR 1.99)</small>	Application Number		10646248
	Filing Date		2003-08-22
	First Named Inventor		Onur G. Guleryuz
	Art Unit		2624
	Examiner Name		Bhavesh M. Mehta
	Attorney Docket Number		AP170HO

U.S. PATENTS						<input type="button" value="Remove"/>
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
KP	1	6643406		2003-11-04	Hajjahmad, et al.	
KP	2	6549674		2003-04-15	Chui, et al.	
KP	3	6611627		2003-08-26	LaRossa, et al.	
KP	4	6377280		2002-04-23	Acharya, et al.	
KP	5	6587592		2003-07-01	Georgiev, et al.	
KP	6	6636565		2003-10-21	Kim, Eung Tae	
KP	7	5081690		1992-01-14	Tan, Hin-Leong	
KP	8	6862366	B2	2005-03-01	Bhattacharjya, Anoop	
If you wish to add additional U.S. Patent citation information please click the Add button.						<input type="button" value="Add"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	10646248
Filing Date	2003-08-22
First Named Inventor	Onur G. Guleryuz
Art Unit	2624
Examiner Name	Bhavesh M. Mehta
Attorney Docket Number	AP170HO

U.S.PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
KP	1	20030086623	A1	2003-05-08	Berkner, et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button

Add

FOREIGN PATENT DOCUMENTS

Remove

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
KP	1	WO02096118	WO		2002-11-28	BYTE-MOBILE, INC		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

Add

NON-PATENT LITERATURE DOCUMENTS

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

Add

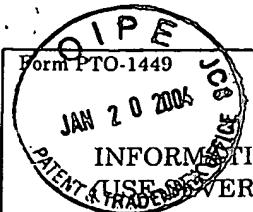
EXAMINER SIGNATURE

Examiner Signature	/Kanjibhai Patel/	Date Considered	01/20/2007
--------------------	-------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.



DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				SERIAL NO. 10/646,248	ATTY DOCKET NO. AP170HO
INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY)				APPLICANT Onur G. Guleryuz	
PAGE 1 OF 2				FILING DATE August 22, 2003	GROUP 2621

U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE
KP	AA	2003/0086623	5/8/03	Berkner, et al.			
KP	AB	6,496,604	12/17/02	Bricourt			
KP	AC	6,311,297	10/30/01	Kondo, et al.			
KP	AD	6,263,108	7/17/01	Kondo, et al.			
KP	AE	6,163,868	12/19/00	Kondo, et al.			
KP	AF	5,936,674	8/10/99	Kim			
KP	AG	5,912,707	6/15/99	Kim			
KP	AH	5,841,477	11/24/98	Kim			
KP	AI	5,751,361	5/12/98	Kim			
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

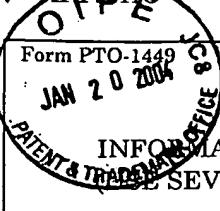
E.I.	DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
KP	AL	WO 02/096118	11/28/02	PCT			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

KP	AM	"Translation-Invariant De-Noising", R.R. Coifman and D.L. Donoho, Yale University and Stanford University, pp. 1-26
KP	AN	"Ideal Spatial Adaptation by Wavelet Shrinkage", David L. Donoho, Iain M. Johnstone, Dept. of Statistics, Stanford University, Stanford CA, June 1992, Revised April 1993, pp. 1-30
KP	AO	"Error Resilient Video Coding Techniques", Real-Time Video Communications over Unreliable Networks, Yao Wang, et al., <i>IEEE Signal Processing Magazine</i> , July 2000, pp.61-82
KP	AP	"A Dual-Tree Complex Wavelet Transform with Improved Orthogonality and Symmetry Properties", Nick Kingsbury, Signal Processing Group, Dept. of Engineering, University of Cambridge, Cambridge UK
KP	AQ	"On the Importance of Combining Wavelet-Based Nonlinear Approximation with Coding Strategies", Albert Cohen, et al., <i>IEEE Transactions on Information Theory</i> , Vol. 48, No. 7, July 2002, pp. 1895-1921
KP	AR	"Concealment of Damaged Block Transform Coded Images Using Projections onto Convex Sets", Huifang Sun, et al., <i>IEEE Transactions on Image Processing</i> , Vol. 4, No. 4, April 1995, pp. 470-477

EXAMINER <i>/Kanjibhai Patel/</i>	DATE CONSIDERED <i>01/20/2007</i>
--------------------------------------	--------------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-1449 JAN 20 2004 PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION USE SEVERAL SHEETS IF NECESSARY PAGE 2 OF 2	DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 10/646,248	ATTY DOCKET NO. AP170HO
		APPLICANT(S) Onur G. Guleryuz	
		FILING DATE August 22, 2003	GROUP 2621

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

KP	AA1	"Spatially Adaptive Image Denoising Under Overcomplete Expansion", Xin Li and Michael T. Orchard, Department of Electrical Engineering, Princeton University, <i>IEEE 2000</i> , pp. 300-303
KP	AB1	"Spatially Adaptive Wavelet Thresholding with Context Modeling for Image Denoising, S. Grace Chang, et al., <i>IEEE Transactions on Image Processing</i> , Vol. 9, No. 9, September 2000, pp.1522-1531
KP	AC1	"Error Control and Concealment for Video Communication: A Review", Yao Wang and Qin-Fan Zhu, <i>Proceedings of the IEEE</i> , Vol. 86, No. 5, May 1998, pp. 974-997
KP	AD1	"De-Noising by Soft-Thresholding", David L. Donoho, <i>IEEE Transactions on Information Theory</i> , Vol. 41, No. 3, May 1995, pp. 613-627
KP	AE1	"Analysis of Multiresolution Image Denoising Schemes Using Generalized Gaussian and Complexity Priors", Pierre Moulin and Juan Liu, <i>IEEE Transactions of Information Theory</i> , Vol. 45, No. 3, April 1999, pp. 909-919
KP	AF1	"Interpolation of Missing Data in Image Sequences", Anil C. Kokaram, et al., <i>IEEE Transactions of Image Processing</i> , Vol. 4, No. 11, November 1995, pp. 1509-1519
KP	AG1	"Information Loss Recovery for Block-Based Image Coding Techniques-A Fuzzy Logic Approach", Xiaobing Lee, et al., <i>IEEE Transactions on Image Processing</i> , Vol. 4, No. 3, March 1995, pp. 259-273
KP	AH1	"DCT Coefficients Recovery-Based Error Concealment Technique and Its Application to the MPEG-2 Bit Stream Error", Jong Wook Park, et al., <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 7, No. 6, December 1997, pp. 845-854
KP	AI1	"A Parametric Texture Model Based on Joint Statistics of Complex Wavelet Coefficients", Javier Portilla and Eero P. Simoncelli, Center for Neural Science, and Courant Institute of Mathematical Sciences, New York University, New York, NY, <i>International Journal of Computer Vision</i> 40(1), pp. 49-71, 2000
KP	AJ1	"Filling-In by Joint Interpolation of Vector Fields and Gray Levels", Coloma Ballester, et al. <i>IEEE Transactions on Image Processing</i> , Vol. 10, No. 8, August 2001, pp. 1200-1211
KP	AK1	"Nonlinear approximation", Ronald A. DeVore, Department of Mathematics, University of South Carolina, Columbia, SC, <i>Cambridge University Press</i> , 1998, PP. 51-150
KP	AL1	"Errorless Restoration Algorithms for Band-Limited Images", Paulo Jorge S. G. Ferreira and Armando J. Pinho, <i>IEEE</i> , 1994, pp. 157-161
KP	AM1	"Transform Coded Image Reconstruction Exploiting Interblock Correlation", Sheila S. Hemami and Teresa H.-Y. Meng, <i>IEEE Transactions on Image Processing</i> , Vol. 4, No. 7, July 1995, pp. 1023-1027
KP	AN1	"Combining Frequency and Spatial Domain Information for Fast Interactive Image Noise Removal", Anil N. Hirani, Takashi Totsuka, Sony Corporation
KP	AO1	"Reconstruction of Baseline JPEG Coded Images in Error Prone Environments", Shahram Shirani, et al., <i>IEEE Transactions on Image Processing</i> , Vol. 9, No. 7, July 2000, pp. 1292-1299
KP	AP1	"Fast DCT-Based Spatial Domain Interpolation of Blocks in Images", Ziad Alkachouh and Maurice G. Bellanger, <i>IEEE Transactions on Image Processing</i> , Vol. 9, No. 4, April 2000, pp. 729-732

EXAMINER

/Kanjibhai Patel/

DATE CONSIDERED

01/20/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.